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Amsterdam, Netherlands

Java Software Engineer

A highly experienced Java Developer with over 27 years in software development and more than 19 years specializing in Java technologies. Skilled in building and maintaining complex applications, managing full development lifecycles, and guiding technical teams. I bring strong analytical capabilities and a solid background in Agile methodologies. Recent work focuses on microservices architecture using Spring Boot, deployed on Kubernetes with GitOps practices. Led a team of developers in building and maintaining a robust Automation API while implementing scalable microservices with Spring Boot and Kubernetes integration.

Professional Experience

Textkernel, Amsterdam – CV processing, candidates and job matching

Team Lead | Automation API

Feb/2023 – Mar/2025

Containerized a legacy Linux-based monitoring app for use in Kubernetes. This enabled integration with commercial monitoring tools, allowing observability of microservices without public endpoints.

Introduced JMeter for simulating microservice load to assess resource needs and ensure SLA compliance. This provided accurate capacity planning and boosted confidence in system reliability.

Introduced Java virtual threads to simplify concurrency and improve scalability. This enhanced application responsiveness and reduced code complexity under high load.

Developed a centralized configuration service with a clean API and atomic update capability. This reduced configuration errors by 80% and enabled faster, safer deployments across multiple interdependent services.

Backend Technical Lead | Search/Reach

Sep/2020 – Jan/2023

Migrated a Java 8 monolith to Java 17 and re-architected it as Spring Boot microservices. This modernized the system, improving scalability, maintainability, and development velocity.

Utilized JLink to create a lean, custom JDK image tailored to our application. This reduced deployment size and improved runtime efficiency.

Senior Java Developer | Integrations Team

Nov/2018 – Aug/2020

Implemented a modular authentication framework supporting industry standards like OAuth2 and SAML. This made adding new protocols seamless and significantly reduced integration time while improving the system's security posture.

Armedia MK, Skopje – Case Management System

Senior Java Developer | Case Management System

Jan/2016 – Oct/2018

ITgma, Skopje – Service Company

Solution Architect | CRM System

Jul/2015 – Dec/2015

Identified and resolved thread safety issues in a Spring-based ERP system. This improved the acceptance test pass rate from 5% to 95%, significantly stabilizing the application.

By extracting static data into a precompiled structure, I redesigned a Spring application's startup sequence. This reduced initialization time from 30 minutes to under 30 seconds.

Solution Architect | CRM System

Mar/2014 – May/2015

Reverse engineered and transformed a complex, undocumented JSON format used for customer data. This enabled a migration to a new application version.

Integrated a declarative, regex-based library for URL rewriting and refactored brittle custom logic. This cut implementation time for new rules by 60% and reduced transformation-related bugs by 50%, making the system far easier to extend.

Senior Developer | Enterprise Platform Solution

Mar/2013 – Mar/2014

Introduced remote debugging via JDWP and trained the team to debug live applications effectively. As a result, issue resolution time dropped by over 50%, and the team gained confidence and speed in handling production problems.

Labor Engineering, Skopje – Service Company

Senior Developer | Car Leasing Application

Jun/2010 – Dec/2010

Senior Developer | Tax Revenue System

November/2008 – May/2010

Designed a mechanism for dynamic JSF page configuration, enabling the creation of a flexible form designer. This dramatically improved maintainability and accelerated new feature delivery.

Replaced manual dependency handling with Apache Maven, standardizing the build process and onboarding flow. This eliminated version conflicts and cut new developer setup time by 90%, while making upgrades and maintenance significantly easier.

Jooce SA, Paris, France – Social Media Platform

Senior Developer | Social Networking Platform

Nov/2006 – Aug/2007

Developed a high-performance plugin for a Java NIO streaming server. This maximized resource utilization and improved throughput under heavy load.

Education

Faculty of Mechanical Engineering, University of Skopje (Incomplete)

- Completed almost all coursework in engineering before transitioning into IT during the dot-com revolution.

Languages

- English (fluent)
- Macedonian (native)
- Serbian/Croatian (fluent)
- Dutch (reading comprehension: strong, listening comprehension: good, speaking: basic)

Notable Achievements

- Successfully led multiple projects involving system integrations, backend architecture, and microservices implementation.
- Played a key role in the transition to using dependency management, enhancing team productivity and code quality.
- Reduced server downtime by 15% through proactive performance monitoring and optimization.

Present

- I transitioned into a Software Builder (a Software Developer that uses the power of generative AI and AI agent based coworkers) with focus on SDD (Spec Driven Development). While my primary focus remains in the Java landscape, I do not hesitate and am ready to engage with any technology stack and programming language that I can comprehend.